

NRC FORM 114
(5-90)
NRCM 4108

U.S. NUCLEAR REGULATORY COMMISSION

CAREER OPPORTUNITY ANNOUNCEMENT

DO NOT REMOVE POSTING

ON EQUAL OPPORTUNITY EMPLOYER. CANDIDATES WILL BE CONSIDERED WITHOUT DISCRIMINATION FOR ANY POSITION REASON SUCH AS RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, POLITICAL AFFILIATION, MARITAL STATUS, PHYSICAL OR MENTAL HANDICAPS, AGE, OR MEMBERSHIP IN AN EMPLOYEE ORGANIZATION.

POSITION TITLE REACTOR SYSTEMS ENGINEER		ANNOUNCEMENT NUMBER 0250001		DATES: OPENING 10/01/01	CLOSING (Close of business) 10/17/01	EXPIRATION (For "Open Until Filled" vacancies remove posting on this date)
SERIES 0801 0840	GRADE GG-14	KNOWN PROMOTION POTENTIAL TO GG-14		AREA OF CONSIDERATION NATIONWIDE <input type="checkbox"/> WASHINGTON, DC COMMUTING AREA <input type="checkbox"/> REGION COMMUTING AREA <input checked="" type="checkbox"/> OTHER NRC Wide		TYPE OF POSITION <input checked="" type="checkbox"/> BARGAINING UNIT <input checked="" type="checkbox"/> FULL-TIME <input checked="" type="checkbox"/> PERMANENT APPOINTMENT <input checked="" type="checkbox"/> INCUMBENT IS SUBJECT TO RANDOM DRUG TESTING <input type="checkbox"/> NONBARGAINING UNIT <input type="checkbox"/> PART-TIME <input type="checkbox"/> TEMPORARY APPOINTMENT NOT TO EXCEED
ORGANIZATION LOCATION DIVISION OF SYSTEMS SAFETY AND ANALYSIS PLANT SYSTEMS BRANCH BALANCE OF PLANT SYSTEMS SECTION				NAME OF IMMEDIATE SUPERVISOR BRIAN THOMAS		
DUTY LOCATION Rockville, MD		TRAVEL REQUIREMENTS Occasional				

APPLICATION INSTRUCTIONS: COMPLETE AND SUBMIT THE FOLLOWING TO THE ADDRESS SPECIFIED AT THE BOTTOM OF THIS PAGE. (Use the Vacancy Announcement Number in all correspondence.)

1. AN UPDATED SF171 PERSONAL QUALIFICATIONS STATEMENT OR APPLICATION FOR GOVERNMENT EMPLOYMENT OR RESUME.
2. AN NRC FORM 114 VACANCY APPLICATION STATUS NOTICE (NRC applicants only).
3. A COPY OF YOUR CURRENT PERFORMANCE APPRAISAL OR A SIGNED STATEMENT THAT IT IS NOT AVAILABLE.
4. NRC APPLICANTS(ONLY); FOUR COPIES OF APPLICATION MATERIALS REQUESTED.
5. THE NRC IS A ZERO-TOLERANCE AGENCY WITH RESPECT TO ILLEGAL DRUG USE.
6. OTHER (Specify):

NOTICE: APPLICATIONS MAY BE REFERRED TO THE RATING ENTITY A MINIMUM OF SIXTEEN (16) CALENDAR DAYS AFTER OPENING DATE.

NONBARGAINING UNIT POSITIONS ONLY. CANDIDATES WHOSE PRESENT PROMOTION POTENTIAL DOES NOT EXCEED THE POTENTIAL OF THIS VACANCY MAY NOT BE SUBJECT TO RATING PROCEDURES AND MAY BE REFERRED DIRECTLY TO THE SELECTING OFFICIAL.

DUTIES OF POSITION (If this position is announced at multiple grade levels, these duties describe the full performance level; at lower grade levels the duties may vary slightly and will be performed under somewhat closer supervision.)

INCUMBENT SERVES AS THE PRINCIPAL REVIEWER IN THE AREA OF NUCLEAR POWER PLANT PROTECTION PROVIDED AGAINST VARIOUS HAZARDS AND CERTAIN ASPECTS OF CONTAINMENT, RADIOACTIVE WASTE PROCESSING, BALANCE OF PLANT, PLANT SECONDARY, AND OTHER SUPPORT SYSTEMS ASSIGNED TO THE BRANCH.

THIS POSITION IS SUBJECT TO THE INSPECTION REQUIREMENTS CONTAINED IN INSPECTION MANUAL CHAPTER 1245.

QUALIFICATIONS REQUIRED (If the position is announced at multiple grade levels, these qualifications describe the full performance level, unless otherwise specified. The position description, immediate supervisor, and/or NRC Manual chapter and Appendix 4108 can be consulted for more detailed qualification requirements and/or interpretation of qualifying experience.)

CANDIDATES MUST HAVE AT LEAST ONE YEAR'S EXPERIENCE AT THE NEXT LOWER GRADE LEVEL IN THE OCCUPATIONAL SERIES LISTED ABOVE; AND POSSESS A THOROUGH KNOWLEDGE OF THE THEORY, PRINCIPLES AND PRACTICES IN THE FIELDS OF NUCLEAR, MECHANICAL OR CHEMICAL ENGINEERING AS EVIDENCED BY A DEGREE OR EQUIVALENT COMBINATION OF EDUCATION, TRAINING AND EXPERIENCE.

SPECIALIZED EXPERIENCE: APPLICANTS MUST HAVE KNOWLEDGE OF NRC

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RATING FACTORS (Applicants are strongly encouraged to submit a statement addressing the Rating listed below.)

1. KNOWLEDGE OF NUCLEAR REACTOR CONCEPTS, SYSTEMS AND COMPONENT DESIGN AND FUNDAMENTAL OPERATING CHARACTERISTICS OF NUCLEAR POWER PLANTS.

[DESCRIBE SPECIFIC EXPERIENCE, EDUCATION, AND TRAINING WHICH DEMONSTRATE YOUR ABILITY TO APPLY THIS KNOWLEDGE TO THE DESIGN AND FUNCTIONING OF A BROAD RANGE OF PLANT SECONDARY AND CONTAINMENT SYSTEMS, RADIOACTIVE WASTE PROCESSING AND SUPPORT SYSTEMS NORMALLY ASSOCIATED WITH THE OPERATION OF

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FOR ADDITIONAL INFORMATION CONTACT

AVA BRYDSON-HARPER

EMail: AHB

Mail Stop: O-3E17A

TELEPHONE

AREA
CODE
301

NUMBER

415-1415

SEND APPLICATION MATERIALS TO:

<input checked="" type="checkbox"/> Human Resources Bureau of Operations Office of Human Resources U.S. Nuclear Regulatory Commission Washington, D.C. 20555	<input type="checkbox"/> Region I Personnel Officer U.S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA 19406	<input type="checkbox"/> Region II Personnel Officer U.S. Nuclear Regulatory Commission 61 Forsyth Street, SW (23785) Atlanta, GA 30303	<input type="checkbox"/> Region III Personnel Officer U.S. Nuclear Regulatory Commission 801 Warrenville Road Lisle, IL 60532	<input type="checkbox"/> Region IV Personnel Officer U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011
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QUALIFICATIONS REQUIRED - CONTINUED

REGULATIONS, STANDARDS AND REGULATORY GUIDES AND PROVEN ABILITY TO APPLY THE KNOWLEDGE IN NUCLEAR POWER PLANT PROTECTION.

NOTE: REASONABLE ACCOMMODATIONS WILL BE MADE FOR QUALIFIED APPLICANTS OR EMPLOYEES WITH DISABILITIES, EXCEPT WHEN DOING SO WOULD POSE AN UNDUE HARDSHIP ON THE EMPLOYING AGENCY.

RATING FACTORS - CONTINUED

A NUCLEAR POWER PLANT. (PLANT SECONDARY, CONTAINMENT, AND SUPPORT SYSTEMS OF INTEREST INCLUDE SYSTEMS AND/OR DESIGN FEATURES FOR: PROTECTION AGAINST MISSILES, FLOODING, AND POSTULATED PIPING FAILURES; NEW AND SPENT FUEL STORAGE AND HANDLING; COOLING WATER FOR REACTOR AUXILIARIES; MAIN STEAM SUPPLY INCLUDING TURBINE OVERSPEED PROTECTION; MAIN AND AUXILIARY FEEDWATER; REACTOR PROCESS (WASTE) SYSTEMS; HEATING VENTILATION AND AIR CONDITIONING; ENSURING OPERATOR PROTECTION FROM RELEASE OF TOXIC AND RADIOACTIVE GASES; EMERGENCY DIESEL GENERATOR AUXILIARIES; CONTAINMENT FUNCTIONAL CAPABILITY (TEMPERATURE AND PRESSURE); CONTAINMENT HEAT REMOVAL AND ISOLATION; CONTAINMENT, COMBUSTIBLE GAS CONTROL; SECONDARY CONTAINMENT FUNCTIONAL DESIGN; CONTAINMENT LEAKAGE RATE TESTING; AND RADIOACTIVE SOURCE TERMS.)]

2. DEMONSTRATED KNOWLEDGE OF AND ABILITY TO FORMULATE SOUND TECHNICAL JUDGEMENTS ON THE ADEQUACY OF THE EXISTING AND PROPOSED SYSTEMS, COMPONENTS AND EQUIPMENT TO INSURE SAFE NUCLEAR POWER PLANT OPERATIONS.

(DESCRIBE EDUCATION, TRAINING, AND EXPERIENCE WHICH DEMONSTRATE YOUR ABILITY TO FORMULATE TECHNICAL JUDGEMENTS. PROVIDE EXAMPLES OF JUDGEMENTS, RECOMMENDATIONS, OR ACTIONS YOU HAVE TAKEN IN REGARD TO THE ADEQUACY OF SYSTEMS, COMPONENTS AND EQUIPMENT.)

3. DEMONSTRATED KNOWLEDGE OF AND ABILITY TO INTERPRET AND APPLY NRC RULES, REGULATIONS, POLICIES, PRACTICES, PROCEDURES AND INDUSTRY CODES AND STANDARDS AS THEY RELATE TO THE SYSTEMS AND DESIGN FEATURES OF RATING FACTOR 1.

(DESCRIBE EDUCATION, TRAINING AND EXPERIENCE WHICH DEMONSTRATE YOUR KNOWLEDGE OF AND ABILITY TO APPLY NRC STANDARDS AS THEY RELATE TO NUCLEAR REACTOR SYSTEMS, COMPONENTS, AND DESIGN FEATURES. DESCRIBE EXAMPLES OF PROJECTS YOU HAVE COMPLETED WHICH DEMONSTRATE THIS KNOWLEDGE AND ABILITY.)

4. DEMONSTRATED ABILITY TO EFFECTIVELY PRESENT TECHNICAL AND REGULATORY MATERIAL IN BOTH MANAGEMENT BRIEFINGS AND IN WRITING.

(DESCRIBE THE TYPES OF WRITING YOU ROUTINELY GENERATE. DESCRIBE THE ORAL

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RATING FACTORS - CONTINUED

BRIEFINGS YOU HAVE MADE; TO WHOM, AT WHAT LEVEL, AND FOR WHAT PURPOSE. DESCRIBE THE OPPORTUNITIES YOU HAVE HAD TO BE A LEAD AUDITOR, PRESENTER OR BRIEFER ON A TECHNICAL OR REGULATORY ISSUE.)

NOTE: BREADTH, DEPTH, RECENCY AND LENGTH OF EXPERIENCE IN THE FIELD; TRAINING, AWARDS AND COMMENDATIONS; PAST AND CURRENT PERFORMANCE; AND COMMUNITY OR OUTSIDE PROFESSIONAL ACTIVITIES WILL BE REVIEWED AS THEY RELATE TO EACH OF THE ABOVE FACTORS TO DETERMINE THE LEVEL OF KNOWLEDGE, SKILL, OR ABILITY OF CANDIDATES.

EXECUTIVE AGENCIES ARE PROHIBITED FROM ACCEPTING OR CONSIDERING APPLICANTS FOR COMPETITIVE APPOINTMENTS OR POSITIONS BASED ON POLITICAL RECOMMENDATIONS FROM MEMBERS OF CONGRESS, CONGRESSIONAL EMPLOYEES, ELECTED STATE OR LOCAL GOVERNMENT OFFICIALS, AND POLITICAL PARTY OFFICIALS. SUCH OFFICIALS MAY ONLY SUPPLY STATEMENTS REGARDING THE CHARACTER AND RESIDENCE OF THE APPLICANT.